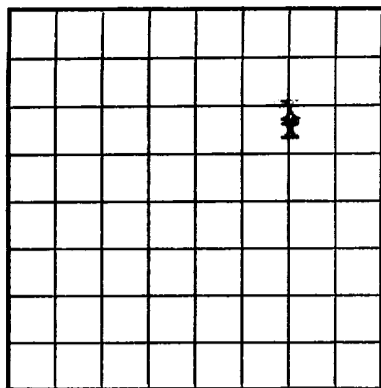


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 028992  
LEASE OR PERMIT TO PROSPECT 17-A



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Roland Rich Woolley Address Box 398 Loco Hills, N.M.  
Lessor or Tract Arnold A Field Premier State New Mexico  
Well No. 17 Sec. 27 T. 17 R. 30 Meridian 100.8 County Eddy  
Location 2310 ft. (N.) of 5 Line and 330 ft. (E.) of 5 Line of 27-17-30 Elevation 3640  
(Derrick floor relative to 3640)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J. S. Breese

Date April 25, 1957 Title Supt.  
The summary on this page is for the condition of the well at above date.

Commenced drilling 4-11, 1957 Finished drilling 4-18, 1957

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 1756 to 1760 Gas No. 4, from 3080 to 3081 Gas & Oil  
No. 2, from 1955 to 1960 Gas & Oil No. 5, from 3216 to 3224 Gas & Oil  
No. 3, from 2010 to 2020 Gas & Oil No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From--	To--	
<u>8 5/8"</u>	<u>24</u>	<u>8"</u>	<u>Shank</u>	<u>307</u>	<u>Texas</u>		<u>3216</u>	<u>3224</u>	<u>3" holes</u>
<u>5 1/2"</u>	<u>14</u>	<u>8"</u>	<u>C.F.&amp;I.</u>	<u>3253</u>	<u>HOVCCO</u>	<u>Floats</u>	<u>4</u>	<u>per ft.</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8"</u>	<u>507</u>	<u>50</u>	<u>HOVCCO</u>	<u>Heavy</u>	<u>Top to Bottom</u>
<u>5 1/2"</u>	<u>3250</u>	<u>100</u>	<u>HOVCCO</u>	<u>Heavy</u>	<u>Top to Bottom</u>

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>40-60</u>			<u>3/4</u> Lb.			

TOOLS USED

Rotary tools were used from 0 feet to 3253 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

April 18 to 18, 1957 Put to producing \_\_\_\_\_, 19\_\_\_\_  
The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which April 30 % was oil; 57 %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

P. J. Carre, Driller W. I. Trembly, Jr., Driller  
D. B. Crismon, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	45	45	Finishing Rat Hole Lost Circulation
45	335	290	sand redbed & stks. Anhy.
335	498	163	anhy. & top of salt at 493.
498	512	14	Anhy.
512	515	3	Salt
515	525	10	Salt & redbed.
525	655	130	Salt
655	1255	600	Salt with Stks. Polyhalite
1255	1675	420	Anhy., Salt & Shale
1675	2020	345	Anhy.
2020	2034	14	Anhy.
2034	2041	7	Slight show of gas <del>stks</del> oder
2041	2064	23	anhy.
2064	2069	5	Slight show gas oder
2069	2240	171	anhy.
2240	2460	220	Anhy. & Shale
2460	2480	20	Red Sand
2480	2540	60	Anhy. with Lime Shells.
2540	2560	20	Anhy. & Shale
2560	2733	173	Anhy. & Lime
2733	2787	54	Anhy. with Lime Stks.
2787	2848	61	Lime
2848	2890	42	Anhy. w/Lime & Salt
2890	2916	26	Lime
2916	3000	84	Lime
3000	3165	165	Gr. & Pink sandy line



NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Roland Rich Woolley Box 392 Loco Hills, N.M.  
(Address)

LEASE Arnold A WELL NO. 17 UNIT P S 27 T 17 R 30

DATE WORK PERFORMED April 12, 1957 POOL Premier

This is a Report of: (Check appropriate block)

Results of Test of Casing Shut-off

Beginning Drilling Operations  Remedial Work

Plugging  Other \_\_\_\_\_

Detailed account of work done, nature and quantity of materials used and results obtained.

On the above date 507' of new 8 5/8" 24# snls casing was set using 50 Sacks of portland, 4% cacium that circulated to the surface by Halliburton O. W. C. Co. This stood 36 hrs. before drilling was resumed. This is a x rotary hole drilled by Yates Drilling Co.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_

Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_

Perf Interval (s) \_\_\_\_\_

Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		
		(Company)

OIL CONSERVATION COMMISSION

Name M. L. Armstrong  
Title WIL AREA MGR INSPECTION  
Date APR 12 1957

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name J. V. K...  
Position Supt.  
Company Roland Rich Woolley

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

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